

## 1.) Identification of the substance/preparation and company

### Product details

#### Trade name

**EndoGrade Ovalbumin**

Cat. No. 321000

Cat. No. 321002

Cat. No. 321001

Cat. No. 321003

#### Use

For laboratory & research use only.

### Identification of the manufacturer / supplier

#### Address

Hyglos GmbH

Am Neuland 3

82347 Bernried, Germany

Tel +49 (0)8158 9060 0

Fax +49 (0)8158 9060 210

#### Information provided by / telephone

+49 (0)8158 9060 0

#### Emergency telephone number

+49 (0)8158 9060 0 (8.00 am - 6.00 pm)

Centre of Detoxification: Mainz +49-6131-232466 or -232467 / Munich +49-89-19240

## 2.) Composition / information on ingredients

### Chemical characterization

Albumin from chicken egg white, Purity > 98%

CAS no.

9006-59-1

EC no.

232-692-7

## 3.) Hazards identification

**No hazardous according to Directive 67/548/EC.** Good laboratory procedures are recommended when handling this compound.

## 4.) First aid measures

### After inhalation

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

### After skin contact

In case of contact, immediately wash skin with soap and copious amounts of water.

### After eye contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

### After ingestion

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

## 5.) Firefighting measures

### Suitable extinguishing media

Water spray. Dry chemical powder or appropriate foam.

### Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases

Emits toxic fumes under fire conditions.

### Special protective equipment for fire fighting

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6.) Accidental release measures

### Methods for cleaning up/taking up

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## 7.) Handling and storage

### Handling

#### Advice on safe handling

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

### Storage

#### Storage conditions

Keep tightly closed. Store at 2-8 °C

## 8.) Exposure controls / personal protection

### Engineering Controls

Safety shower and eye bath. Mechanical exhaust required.

### General Hygiene Measures

Wash thoroughly after handling.

### Personal protective equipment

#### Respiratory protection

Wear dust mask.

#### Hand protection

Protective gloves

#### Eye protection

Chemical safety goggles.

## 9.) Physical and chemical properties

### General information

Form	lyophilized
Color	white

### Important health, safety and environmental information

**Changes in physical state:** no data available

**Density:** no data available

#### Solubility in water

Remarks	soluble
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Trade Name: EndoGrade Ovalbumin

Version: 04/11 EU

Status: 27.05.2010

Date of printing: 05.04.2011

**pH value:** no data available

## 10.) Stability and reactivity

### **Stability**

Stable.

### **Materials to Avoid**

Strong oxidizing agents.

### **Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide.

### **Hazardous Polymerization**

Has not been reported.

## 11.) Toxicological information

**RTECS Number:** AY9384000

### **Acute Toxicity**

LD50 – Oral – Mouse: > 24000 mg/kg

Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Etosis.

Behavioral: Somnolence (general depressed activity).

Lungs, Thorax, or Respiration: Respiratory depression.

LD50 – Subcutaneous – Mouse: > 24 GM/kg

Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Etosis.

Behavioral: Somnolence (general depressed activity).

Lungs, Thorax, or Respiration: Respiratory depression.

LD50 – Intravenous – Mouse: > 18 GM/kg

Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Etosis.

Behavioral: Somnolence (general depressed activity).

Lungs, Thorax, or Respiration: Respiratory depression.

### **Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### **Route of Exposure**

#### **Skin Contact**

May cause skin irritation.

#### **Skin Absorption**

May be harmful if absorbed through the skin.

#### **Eye Contact**

May cause eye irritation.

#### **Inhalation**

May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

#### **Ingestion**

May be harmful if swallowed.

## 12.) Ecological information

### General information / ecology

No data available.

## 13.) Disposal considerations

### Product

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

### Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## 14.) Transport information

### RID/ADR

Non-hazardous for road transport.

### IMDG

Non-hazardous for sea transport.

### IATA

Non-hazardous for sea transport.

## 15.) Regulatory information

### European/International Regulations

### European Labeling in Accordance with EC Directives Hazard Symbols:

Not available.

### WGK (Water Danger/Protection)

## 16.) Other information

### **Warranty**

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